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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of

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Application Number	09/695,812					
Filing Date	Oct 24, 2000					
First Named Inventor	Hunt					
Group Art Unit	2143					
Examiner Name	WILEY, DAVID ARMAND					
Attorney Docket Number	MS1-547US	4				

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Examiner Initials	Cite No.1	Number	Number Kind Code ² (if known)	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
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(use as many sheets as necessary)				Examiner Name	TRAN, LAMBERT L
	1	of	1	Attorney Docket Number	MS1-547US

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$\sim \sim \sim$		5,031,089		Liu et al.	07-09-1991		
1		5,948,055		Pulsipher et al.	09-07-1999	-	
		6,393,456		Ambler et al.	05-21-2002		l
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known						
Application Number	09/695,812					
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Group Art Unit	2144					
Examiner Name	TRAN, LAMBERT L					
Attorney Docket Number	MS1-547US)				

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Examiner Initials	Cite No.1	U.S. Paten	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Complete if Known Substitute for form 1449B/PTO **Application Number** 09/695,812 INFORMATION DISCLOSURE Oct 24, 2000 Filing Date Hunt STATEMENT BY APPLICANT **First Named Inventor** 2144 Group Art Unit TRAN, LAMBERT L **Examiner Name** (use as many sheets as necessary) Attorney Docket Number MS1-547US 2 of 2 Sheet

		NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	γ2				
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SMITH, et al; "Distributed Management of Future Global Multi-Service Networks"; 8076 British Telecommunications Engineering; 10/13/1994; Pt. 3, London, GB;		SMITH, et al; "Distributed Management of Future Global Multi-Service Networks"; 8076 British Telecommunications Engineering; 10/13/1994; Pt. 3, London, GB;					
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Examiner Signature M. Delando Date Considered 9/155

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

09/695,812 **Application Number** Oct 24, 2000 Filing Date Hunt First Named Inventor

Group Art Unit

2144 Cuchlinski, Jechnology Center 2100 **Examiner Name**

Attorney Docket Number MS1-547US Sheet of

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Examiner Initials	Cite No.1	Number	Kind Code ²	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
M		6047325		Jain et al.	04/04/2000	
,		6070243		See et al.	05/30/2000	
\neg		6141749		Coss et al.	10/31/2000	
		6266707		Boden et al.	07/24/2001	
		6360265		Falck et al.	03/19/2002	
		6366578		Johnson	04/02/2002	
			Dennis et al.	10/15/2002		
			Mayes et al.	01/21/2003		
		6510509		Chopra et al.	01/21/2003	
		6684335		Epstein III et al.	01/27/2004	
		6691168		Bal et al.	02/10/2004	
		6694436		Audebert	02/17/2004	
		6717949		Boden et al.	04/06/2004	
		6728885		Taylor et al.	04/27/2004	,
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Examiner Initials	Cite No.1	Foreign P Office ³ Num		d Code ⁸ known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1.8		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known					
Application Number	09/695,812	╗			
Filing Date	Oct 24, 2000	_			
First Named Inventor	Hunt				
Group Art Unit	2144				
Examiner Name	Cuchlinski, Jr., W.				
Attorney Docket Number	MS1-547US	$\overline{}$			

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m		5,220,621		Saitoh	06-15-1993	
(****)		5,430,810		Saeki	07-04-1995	
		5,801,970		Rowland	09-01-1998	
		5,960,371		Saito et al.	09-28-1999	
		6,108,699		Moiin	08-22-2000	
		6,111,993		Matsunaga	08-29-2000	
		6,125,447		Gong	09-26-2000	
		6,192,401		Modiri et al.	02-20-2001	
		6,263,089		Otsuka et al.	07-17-2001	
		6,324,571		Hacherl	11-27-2001	
		6,336,171	_	Coskrey, IV	01-01-2002	
		6,393,474		Eichert et al.	05-21-2002	
		6,449,641		Moiin et al.	09-10-2002	
		6,466,978		Mukherjee et al.	10-15-2002	
		6,466,984		Naveh et al.	10-15-2002	
		6,487,622		Coskrey, IV et al.	11-26-2002	
		6,493,715		Funk et al.	12-10-2002	
		6,496,187		Deering et al.	12-17-2002	
		6,615,256		van Ingen et al.	09-02-2003	
		2001/001955	54	Nomura et al.	09-06-2001	

FOREIGN PATENT DOCUMENTS									
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of

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Application Number	09/695,812			
Filing Date	Oct 24, 2000			
First Named Inventor	Hunt			
Group Art Unit	2144			
Examiner Name	Cuchlinski, Jr., W.			
Attorney Docket Number	MS1-547US			

	U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Number	cument Ind Code ² (/ known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear	
M		2002/0095524		Sanghvi et al.	07-18-2002		
		2003/0041139		Beadles et al.	02-27-2003		
		2003/0126230		Donatelli et al.	07-03-2003		
		2003/0154404		Beadles et al.	08-14-2003		
		2003/0206548		Bannai et al.	11-06-2003		
		2004/0054791		Chakraborty et al.	03-18-2004		
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STATEMENT BY APPLICANT

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Application Number 09/695,812

Filing Date Oct 24, 2000

First Named Inventor Hunt

Group Art Unit 2144

Examiner Name Cuchlinski, Jr., W.

Attorney Docket Number MS1-547US

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(M)		Webster's Seventh New Collegiate Dictionary, G.C. Merriam Co. Copyright 1971, pgs 438 & 767			
		LI, HSIANG-LING, CHAKRABARTI, CHAITALI; "Hardware Design of a 2-D Motion Estimation System Based on the Hough Transform" IEEE 1998; 16 pages			
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